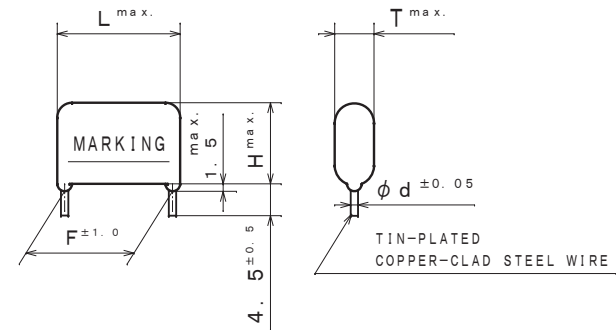


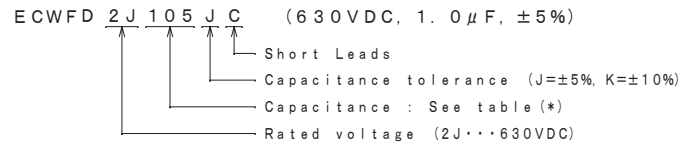
ITEM CODE	CAPACITANCE μF (*)	DIMENSIONS					VOLUME (mm ³)
		L	T	H	F	d	
ECWFD2J274 () C	0. 27 (274)	17. 8	6. 0	11. 0	15. 0	0. 8	1042
" 2J334 () C	0. 33 (334)	"	6. 6	11. 5	"	"	1189
" 2J394 () C	0. 39 (394)	"	7. 1	12. 0	"	"	1334
" 2J474 () C	0. 47 (474)	"	7. 8	12. 7	"	"	1524
" 2J564 () C	0. 56 (564)	"	8. 4	13. 3	"	"	1736
" 2J684 () C	0. 68 (684)	"	9. 3	14. 2	"	"	2014
" 2J824 () C	0. 82 (824)	"	10. 2	15. 1	"	"	2335
" 2J105 () C	1. 0 (105)	25. 3	8. 4	13. 5	22. 5	"	2498
" 2J125 () C	1. 2 (125)	"	9. 2	14. 3	"	"	2868
" 2J155 () C	1. 5 (155)	"	10. 3	15. 5	"	"	3467
" 2J185 () C	1. 8 (185)	"	11. 2	16. 5	"	"	4011
" 2J225 () C	2. 2 (225)	"	12. 4	17. 7	"	"	4728
" 2J275 () C	2. 7 (275)	"	13. 8	19. 2	"	"	5681
" 2J335 () C	3. 3 (335)	"	15. 3	20. 7	"	"	6737
" 2J395 () C	3. 9 (395)	"	16. 6	22. 1	"	"	7782
" 2J475 () C	4. 7 (475)	"	18. 3	23. 9	"	"	9255



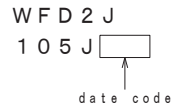
*F: regulation of the root

ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Company name changed	Apr. 1 2022
SPECIFICATIONS No.		

ITEM CODE NUMBER STRUCTURE



MARKING EXAMPLE



PACKING QUANTITY

Capacitance range (μF)	Quantity (pcs.)
0. 27 ~ 0. 33	2600
0. 39 ~ 0. 47	2200
0. 56 ~ 0. 68	1600
0. 82 ~ 1. 2	1200
1. 5	1000
1. 8	900
2. 2	800
2. 7	700
3. 3	600
3. 9	500
4. 7	400

CONSTRUCTION

The capacitor is of non-inductive construction, wound with metallized polypropylene film dielectric.
The capacitor is enclosed in non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, type name "WFD" and manufacturer's date code.

PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : ±5% (J), ±10% (K) at 1kHz.
 Rated voltage : 630VDC (Derating of rated voltage by 1.0%/°C at more than 85°C)
 Withstand voltage : 630VDC×150% for 60s
 Insulation resistance : ≥9000MΩ (C≤0.33μF) at 500VDC, 20°C for 60s
 : ≥3000MΩ·μF (C>0.33μF) at 500VDC, 20°C for 60s
 Dissipation factor : ≤0.1% at 1kHz, 20°C
 Category temperature range : From -40°C to +105°C (including temperature rise on unit surface)

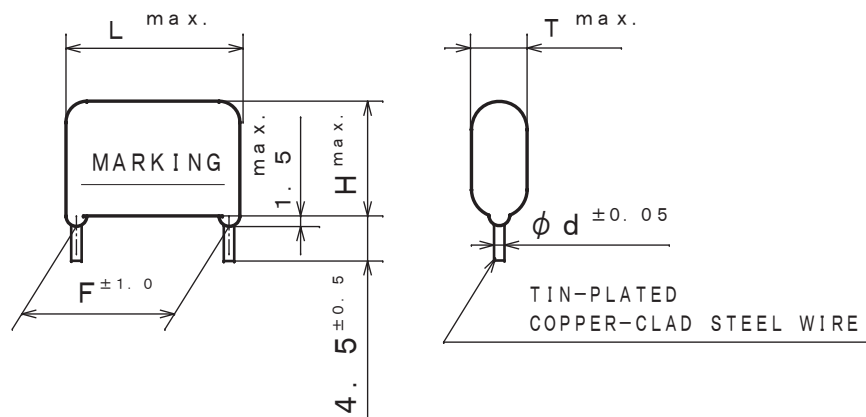
QUANTITY of MINIMUM ORDER

Capacitance range (μF)	Quantity (pcs.)
0. 27 ~ 1. 5	1000
1. 8	900
2. 2	800
2. 7	700
3. 3	600
3. 9	500
4. 7	400

DESIGN	M. MEKADA
CHECKED	T. KATO
APPROVAL	T. KATO
ESTABLISHMENT	Jan. 18. 2017
TYPE NAME	
ECWFD2J*** () C	
NAME Metallized Polypropylene Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
G002J-J-E (1/1)	

Film Capacitor Business Unit
Device Solutions Business Division
Panasonic Industry Co., Ltd.

THIRD ANGLE PROJECTION



·F: regulation of the root

PACKING QUANTITY

Capacitance range (μF)	Quantity (pcs.)
1.0	1200

QUANTITY of MINIMUM ORDER

Capacitance range (μF)	Quantity (pcs.)
1.0	1000

ALTERATION

ISSUE	DESCRIPTION	DATE
1	Company name changed	Apr. 1 2022

SPECIFICATIONS No.

(example)

WFD 2 J

105 J

date code

ITEM CODE	RATED VOLTAGE	CAP. (μF)	DIMENSIONS					VOLUME (mm ³)
			L	T	H	F	d	
ECWFD 2J105**	630VDC	1.0	17.8	11.2	16.1	15.0	0.8	2742

PC=±5% (J)
QC=±10% (K)

CONSTRUCTION

The capacitor is of non-inductive construction, wound with metallized polypropylene film dielectric.

The capacitor is enclosed in non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage and date code.

PROPERTIES

- *Capacitance : See table at 1kHz.
- *Capacitance tolerance : ±5% (J), ±10% (K) at 1kHz.
- *Rated voltage : 630VDC
(Derating of rated voltage by 1.0%/°C at more than 85°C)
- *Withstand voltage (terminal-terminal) : 630VDC×150% for 60s
- *Insulation resistance : ≥3,000MΩ·μF at 500VDC, 20°C for 60s
- *Dissipation factor : ≤0.1% at 1kHz, 20°C
- *Category temperature range : From -40°C to +105°C
(including temperature rise on unit surface)

DESIGN	M. MEKADA
CHECKED	H. YOSHIDA
APPROVAL	T. KATO
ESTABLISHMENT	Jan. 18, 2017
TYPE NAME	ECWFD 2J***PC ECWFD 2J***QC
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	G018J-J-E (1/1)

Film Capacitor Business Unit
Device Solutions Business Division
Panasonic Industry Co., Ltd.